

TABLE 5-1(a)

TIER 3A RISK-BASED SCREENING LEVELS (RBSLs) FOR A RESIDENT CHILD

CHEMICALS OF CONCERN	SURFICIAL SOIL	SUB-SURFACE SOIL	GROUNDWATER
	Inhalation of Vapors and Particulates, Dermal Contact with, and Accidental Ingestion [mg/kg]	Indoor Inhalation of Vapor Emissions [mg/kg]	Indoor Inhalation of Vapor Emissions [ug/L]
Benzene	4.49	0.101	218
Toluene	431	14.7	12300
Ethylbenzene	641 *	70.8	31200
Xylenes (mixed)	706 *	706	175000
1,2 Dichloroethane (DCA)	4.63	0.152	685
Methyl Tertbutyl Ether (MtBE)	1840	160	823000
Ethylene Dibromide (EDB)	0.00831	0.0172	53.9
Naphthalene	48.6	24.2	1410

Note:

Soil concentrations are presented on a dry weight basis.

*: Calculated RBSLs exceeded saturated soil concentration and hence saturated soil concentrations are listed as RBSLs.